## **IC CARD**

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- international:

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- european:

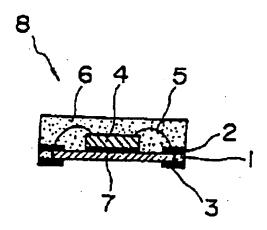
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## Abstract of JP3112688

PURPOSE:To thin the thickness of an IC module and to obtain a mass-IC memory card by mounting the IC module, which mounts an IC chip on a patterned printed board having not more than specific thickness dimension and which resin-seals only the IC-chipmounting surface, in a card. CONSTITUTION:In an IC module 8 built in an IC card, a thin printed board with a thickness of not more than 200 mum having a conductive layer, e.g. a copper foil is patterned on a substrate 1 composed of an insulating material and a bonding terminal 2 is provided on the mounting side of a chip 4. Also, a connection terminal 3 is provided via a through hole. The chip 4 is bonded onto the substrate 1 by an adhesive 7 and connected with the bonding terminal 2 for the chip 4 by a wire 5 and the side for mounting the IC chip 4 is resin- sealed, e.g. by epoxy resin 6 so that the wire and IC chip are covered and protected sufficiently. The thickness of the whole module 8 is thinned to 700 mum or below.



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